

Recombinant Human INHBA Protein

Cat. No. INHBA-552H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant human INHBA protein without tag was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	426
Description	This gene encodes a member of the TGF-beta (transforming growth factor-beta) superfamily of proteins. The encoded preproprotein is proteolytically processed to generate a subunit of the dimeric activin and inhibin protein complexes. These complexes activate and inhibit, respectively, follicle stimulating hormone secretion from the pituitary gland. The encoded protein also plays a role in eye, tooth and testis development. Elevated expression of this gene may be associated with cancer cachexia in human patients.
Form	Lyophilized
Molecular Mass	13 kDa (mature-form) & 32 kDa (pro-form)
AA Sequence	<p>MPLLWLRGFLLASCWIIVRSSPTPGSEGHS AAPDCPSCAL AALPKDVPNSQP EMVE AVKKHILNMLHLKRPDVTQPVPK AALLNAIRKLHVGKVG ENGYVEIEDDIGRRAEM NELMEQTSEIITFAESGTARKTLHF EISKEGSDLSVVERAEVWLF LKVPKANRTRTKV TIRLFQQQKHPQGS LDTGEEAEVGLKGERSELLLSEKVVDARKSTWHVFPVSSSIQ RLLDQ GKSSLDVRIACEQCQES GASLVLLGK KKKKKEEGEGK KKKGGGEGGAGADE</p>

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EKEQSHRPFLMLQARQSEDHPHRRRRRRGLECDGKVNICCKKQFFVSFKDIGWNDW
 IIAPSGYHANYCEGECPSHIAGTSGSSLSFHSTVINHYRMRGHSPFANLKSCCVPTKL
 RPMSMLYYDDGQNIKKDIQNMIVEECGCS

Purity > 98%

Applications WB; ELISA; FACS; FC

Stability This bioreagent is stable at 4 centigrade (short-term) and -70 centigrade(long-term). After reconstitution, sample may be stored at 4 centigrade for 2-7 days and below -18 centigrade for future use.

Storage At -20 centigrade.

Concentration 1 mg/mL

Storage Buffer PBS (pH 7.4-7.5)

Reconstitution Reconstitute in sterile distilled H2O to no less than 100 µg/mL; dilute reconstituted stock further in other aqueous solutions if needed. Please review COA for lot-specific instructions. Final measurements should be determined by the end-user for optimal performance.

GENE INFORMATION

Gene Name INHBA inhibin, beta A [Homo sapiens (human)]

Official Symbol INHBA

Synonyms INHBA; inhibin, beta A; inhibin, beta A (activin A, activin AB alpha polypeptide); inhibin beta A chain; Inhibin, beta-1; activin beta-A chain; FSH-releasing protein;

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erythroid differentiation factor; erythroid differentiation protein; follicle-stimulating hormone-releasing protein; EDF; FRP;

Gene ID [3624](#)

mRNA Refseq [NM_002192](#)

Protein Refseq [NP_002183](#)

MIM [147290](#)

UniProt ID [P08476](#)

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